

**S-1 Board of Supervisors Briefing
Dr. Barbara Ferrer, Director
Los Angeles County Department of Health
Tuesday, August 10, 2021**



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8/10/2021

Current Status

Deaths Reported Today	6
Total Deaths	24,783
Cases Reported Today	2,919
Total Cases	1,329,262
Total People Tested	7,517,864
Daily Test Positivity Rate	4.4%
7-Day Daily Average Case Rate	24.4 per 100,000
Currently Hospitalized	1,437

*As of August 9, 2021



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Covid Case Trends in LAC and California

	New Cases*	
	Los Angeles County	California (except LAC)
July 26 – August 1, 2021	19,704	46,096
August 2 – 8, 2021	20,979	55,422
% change	7%	20%

*Because cases were analyzed by report date rather than episode date, these numbers may not match the figures on CDPH/LAC data dashboards.

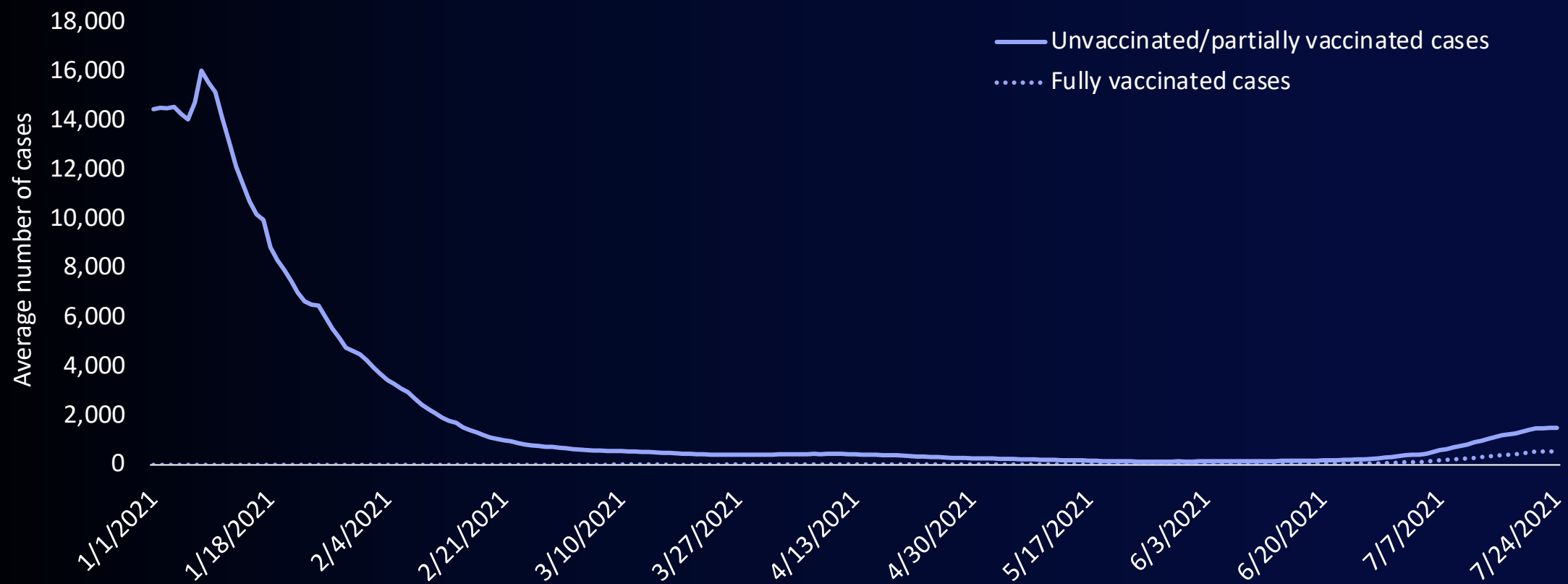


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Number of COVID-19 Cases by Vaccination Status*

January 1 – July 24, 2021

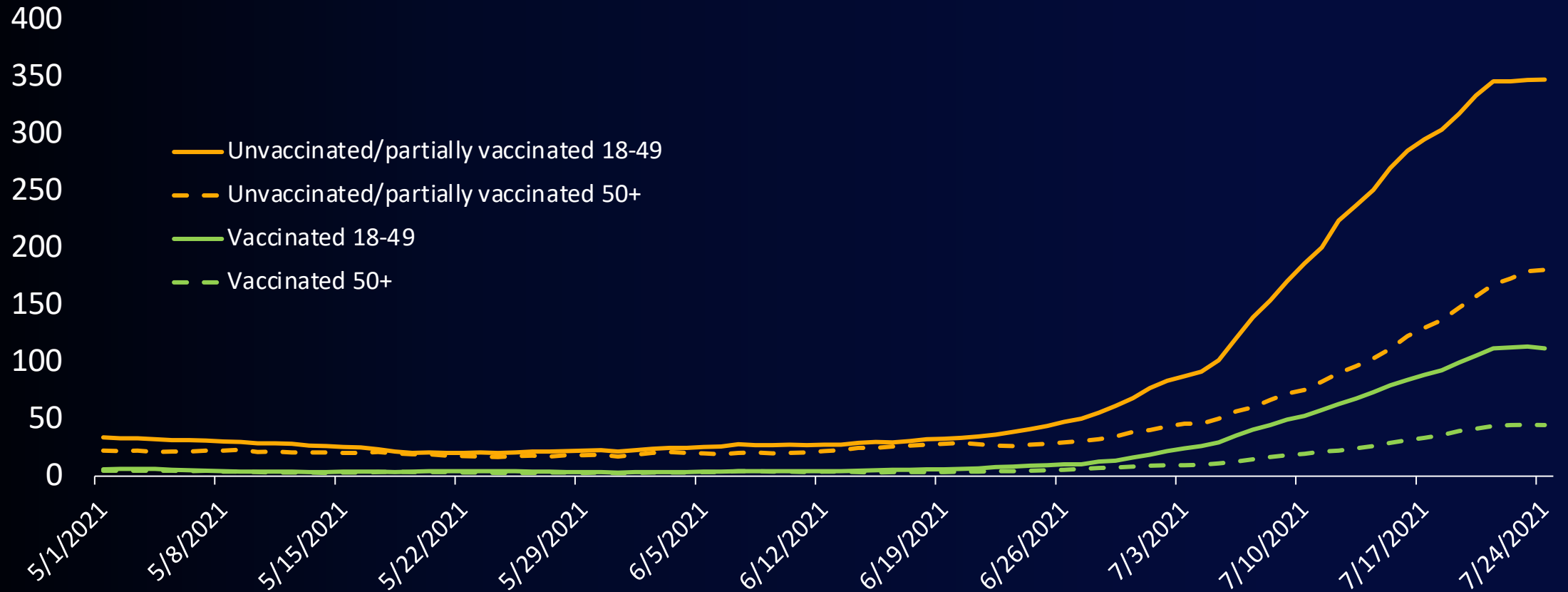


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* Rolling 7-day average by episode date

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Case Rate* per 100,000 for LAC** by Vaccination Status and Age Group May 1 – July 24, 2021



*Rolling 7-Day cumulative daily crude case rate

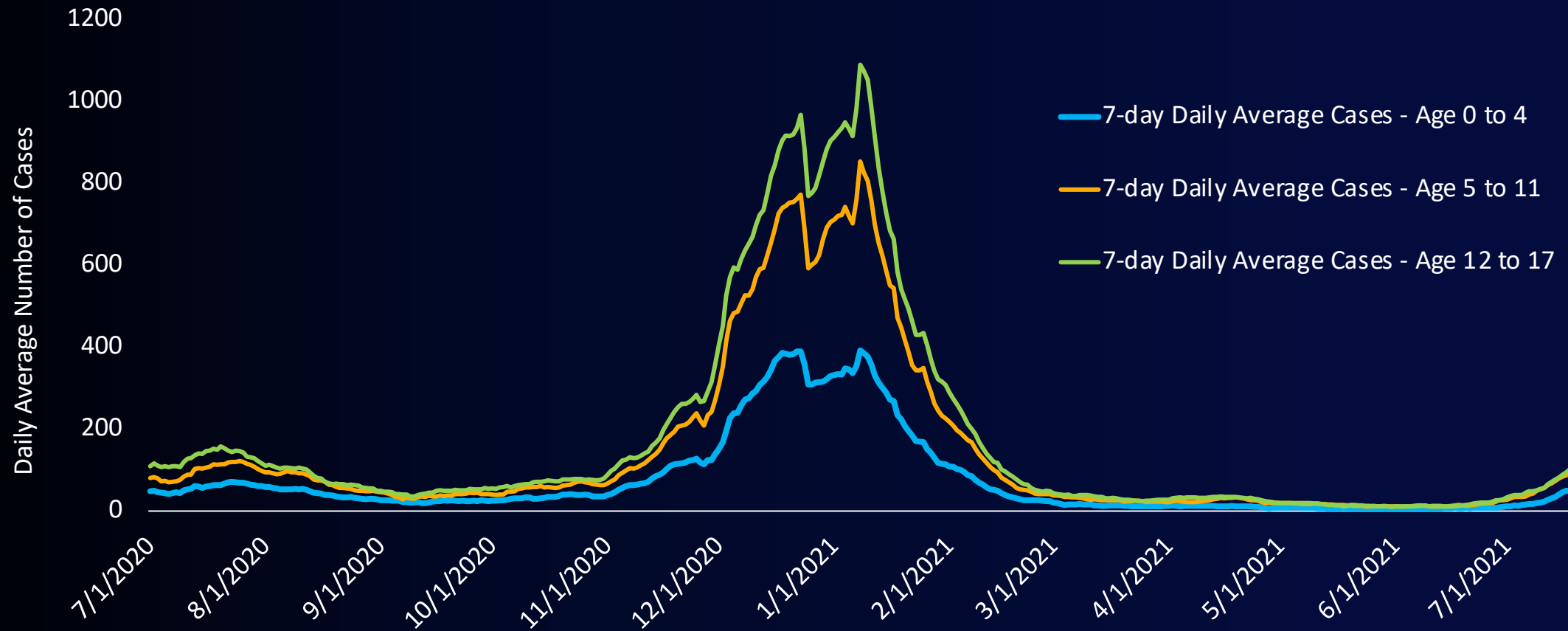
**Excluding Long Beach and Pasadena



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Number of Pediatric COVID-19 Cases by Episode Date, Past 7-day Daily Average, by Age Group July 28, 2021

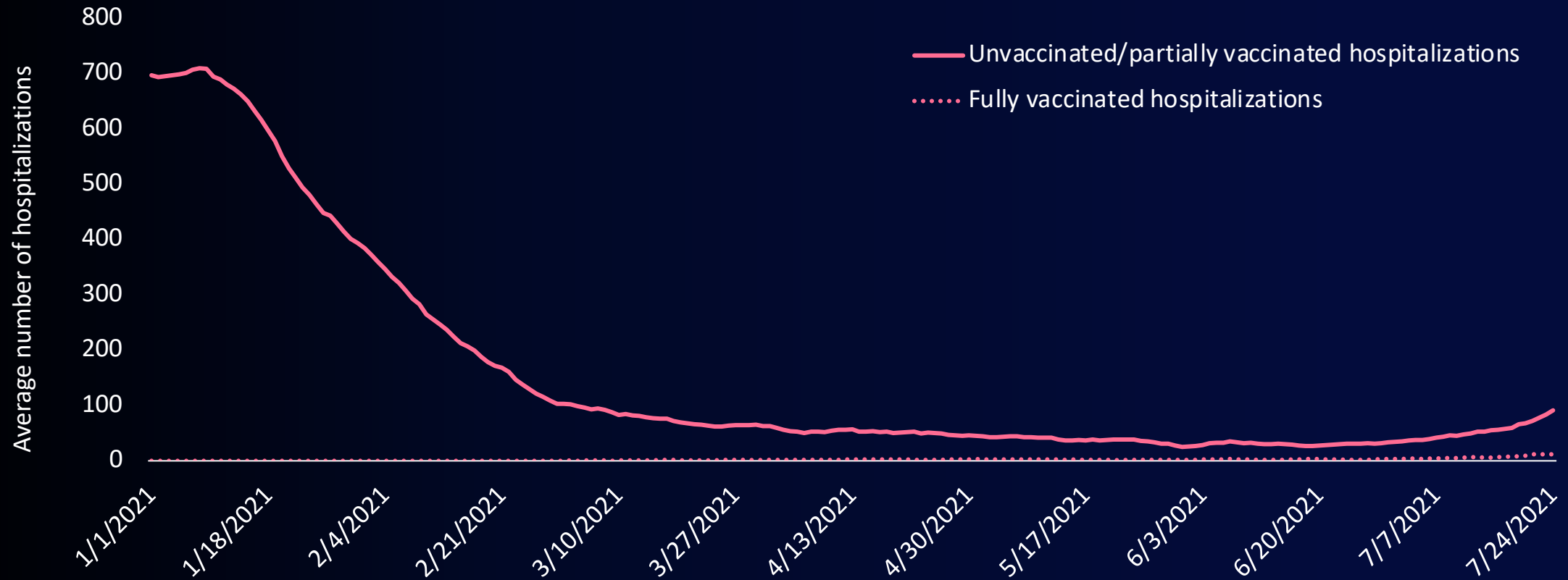


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Number of COVID-19 Hospitalizations by Vaccination Status*

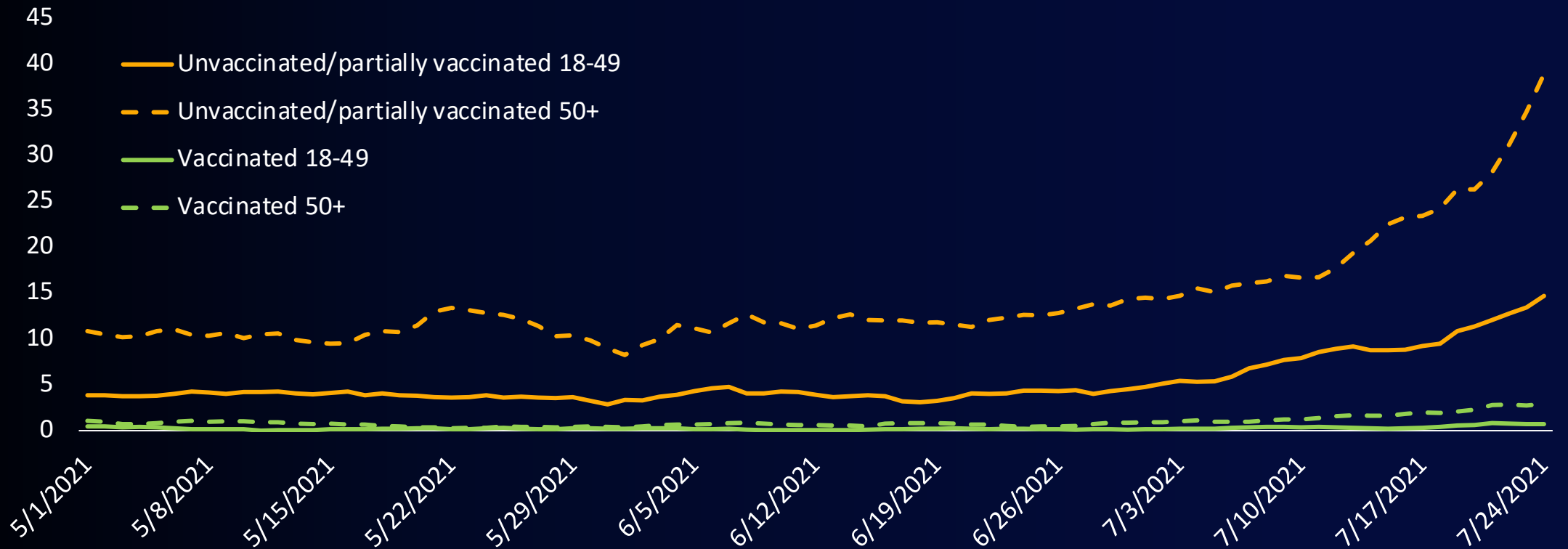
January 1 – July 24, 2021



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*Rolling 7-day average by admission date
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Hospitalization Rate* per 100,000 for LAC** by Vaccination Status and Age Group May 1 – July 24, 2021



*Rolling 7-Day cumulative daily crude case rate

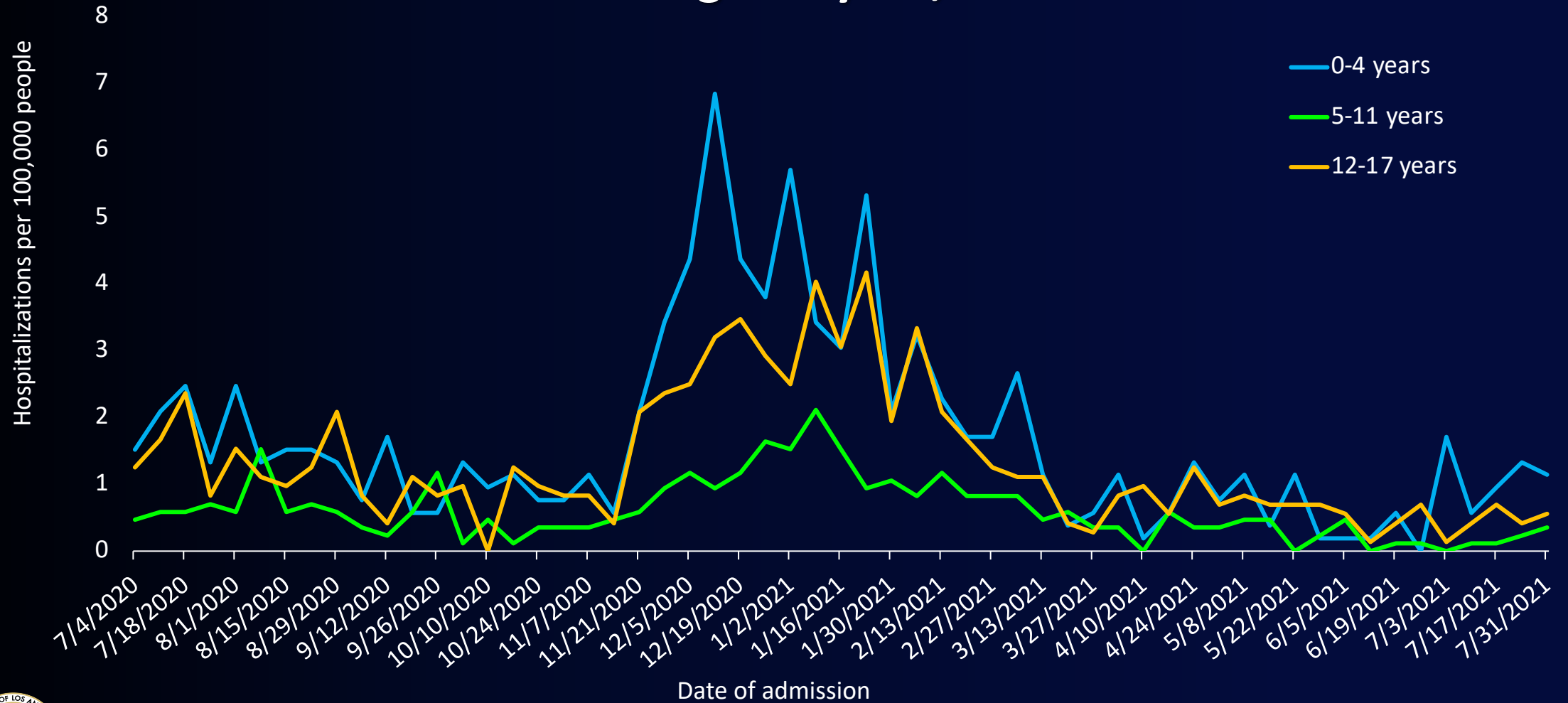
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Weekly Rate of Hospitalization per 100,000 by Age Category through July 31, 2021

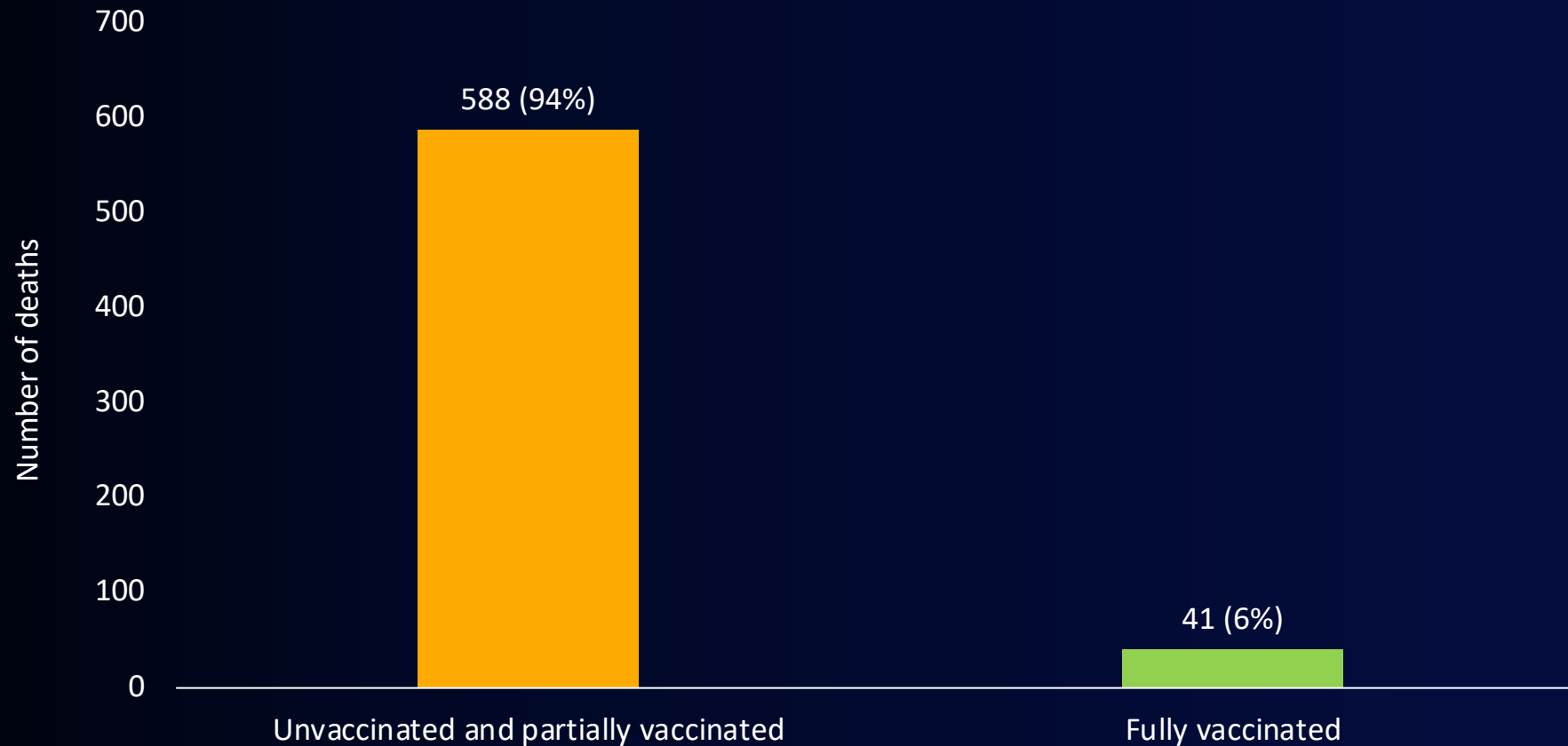


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COVID-19 Deaths Among LAC Residents 16+ by Vaccination Status

April 1 – July 24, 2021



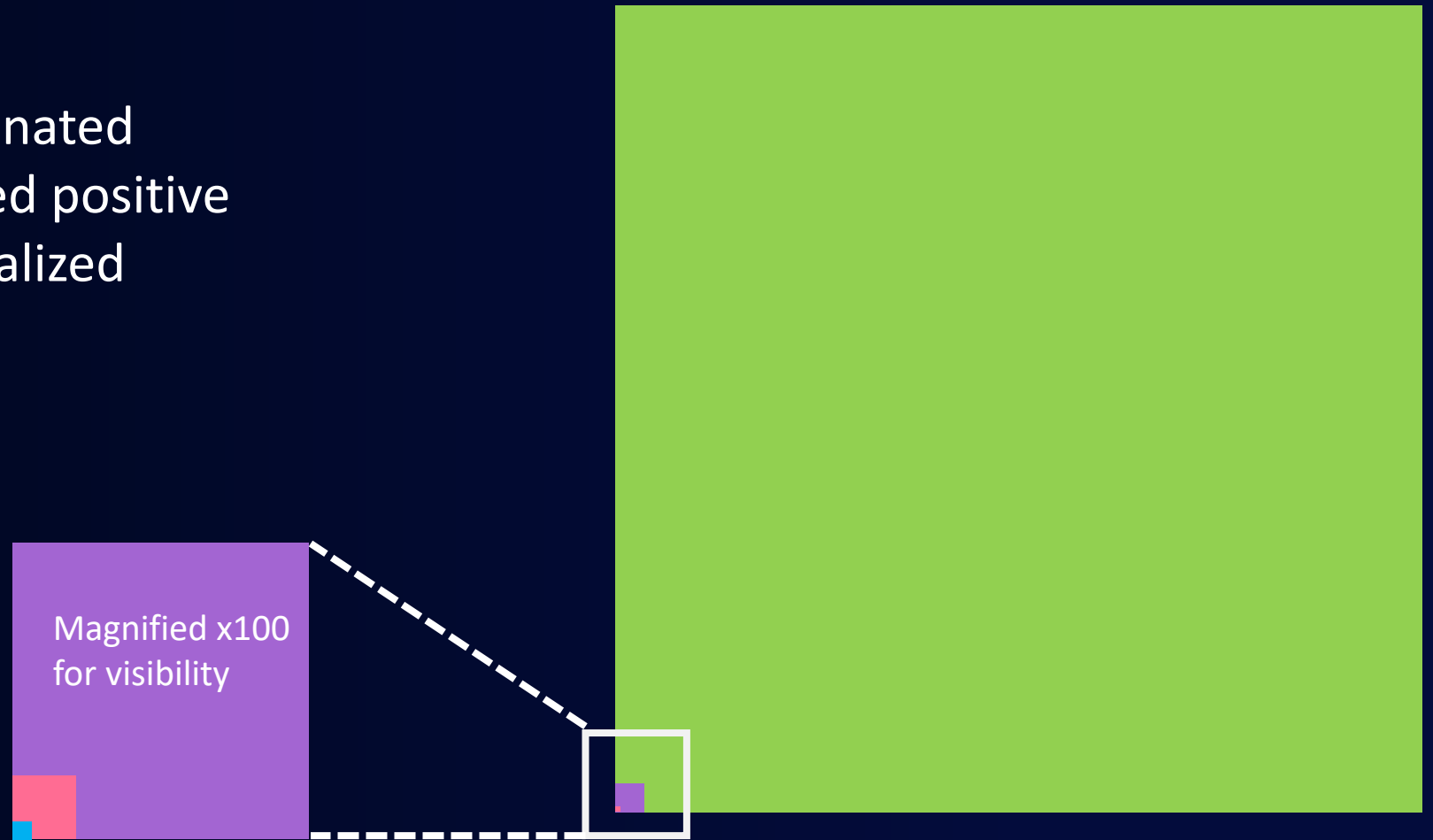
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Covid Among Fully Vaccinated People in LAC

As of August 3, 2021

- 5,018,420 fully vaccinated
- 15,628 (0.31%) tested positive
- 446 (0.009%) hospitalized
- 41 (0.0008%) died



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COVID-19 Vaccinations Among LAC Residents* 12+ as of August 6th, 2021

Total Doses Administered	11,290,691
First Doses	6,270,245
Second Doses	5,020,446
LAC Residents with ≥ 1 Dose	6,308,740
LAC Residents Fully Vaccinated	5,512,719

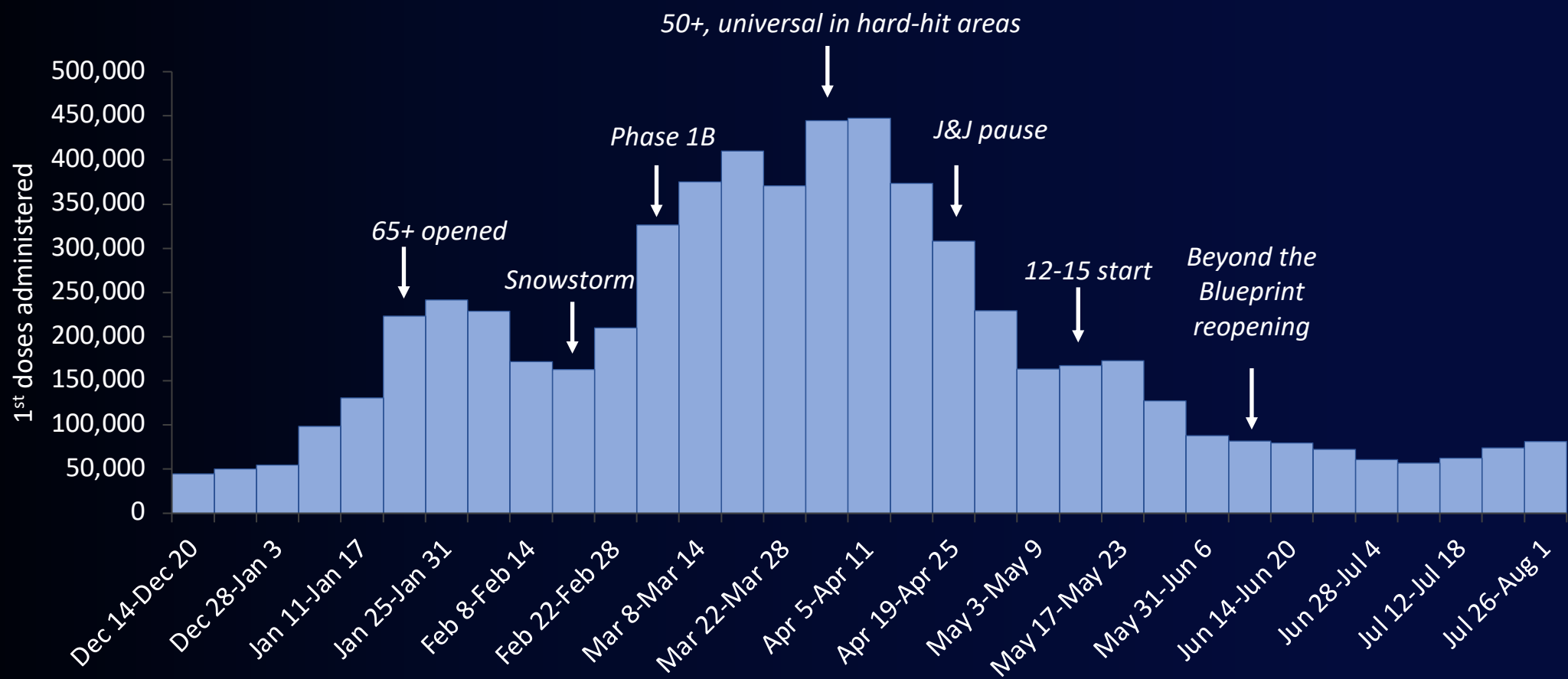
*Including Long Beach and Pasadena



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First Doses Administered Weekly Among All Eligible Persons



COVID-19 surge

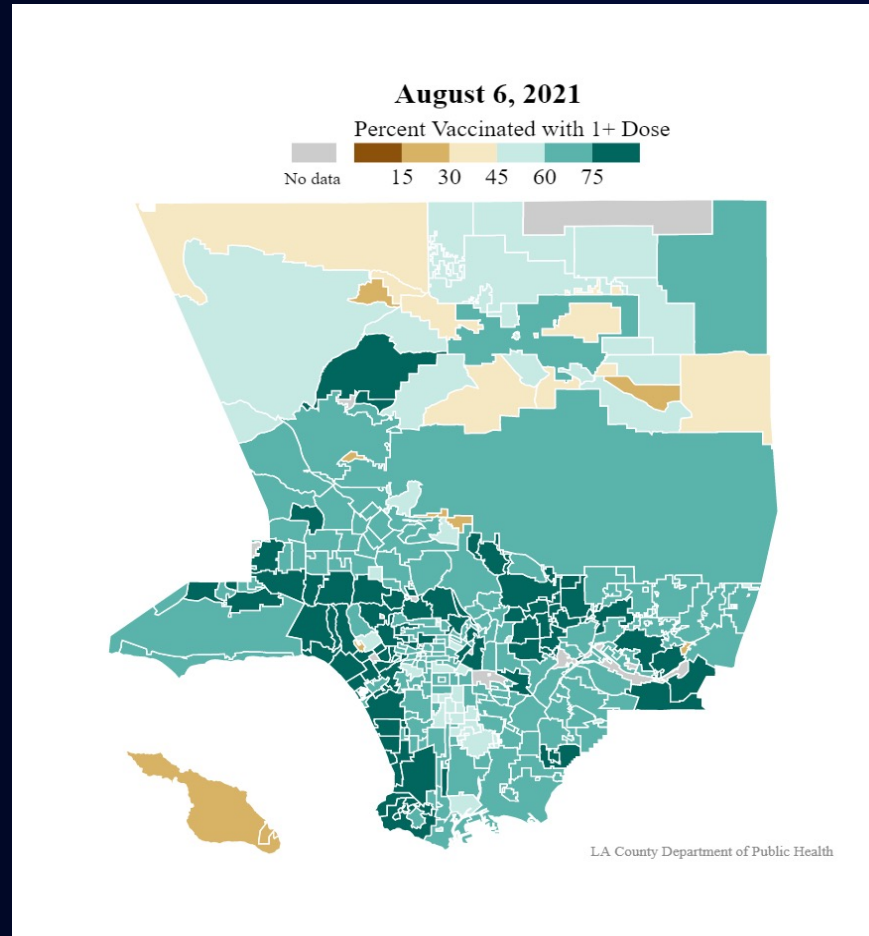


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Vaccination Rates by Community

As of August 6th, 2021



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Where Can We Close Vaccination Gaps?

Percent of LA County Residents With 1 Dose of Vaccine by Age and Race/Ethnicity as of August 6th, 2021

- 1-point increase
- 2-point increase
- 3-point increase

	12-15	16-17	18-29	30-49	50-64	65-79	80+	Overall** (in 12+s)
Black/African American	28	33	32	43	56	71	63	48%
Latinx	39	49	47	55	69	82	62	57%
American Indian/Alaska Native*	56	62	66	72	61	71	68	67%
White	54	64	62	65	63	84	73	67%
Asian	81	86	79	76	76	86	69	78%
Overall***	52%	62%	62%	70%	77%	93%	78%	72%

*Likely an overestimate due to inclusion of multiracial people

**LAC residents 12 and older (including Long Beach and Pasadena)

***Subgroup data for NHOPI, multiracial, other, and unknown categories included in overall count but not displayed due to likely inaccurate estimates



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Outreach in Newly Hard-Hit Communities

Community Health Worker teams focusing outreach in Venice, Studio City, Beverly Hills

Between May 1 – August 7, 2021:

- 195 outreaches Downtown and in Venice, primarily promoting vaccination but also promoting contact tracing and testing or providing specific outbreak information

Over the next 2 weeks:

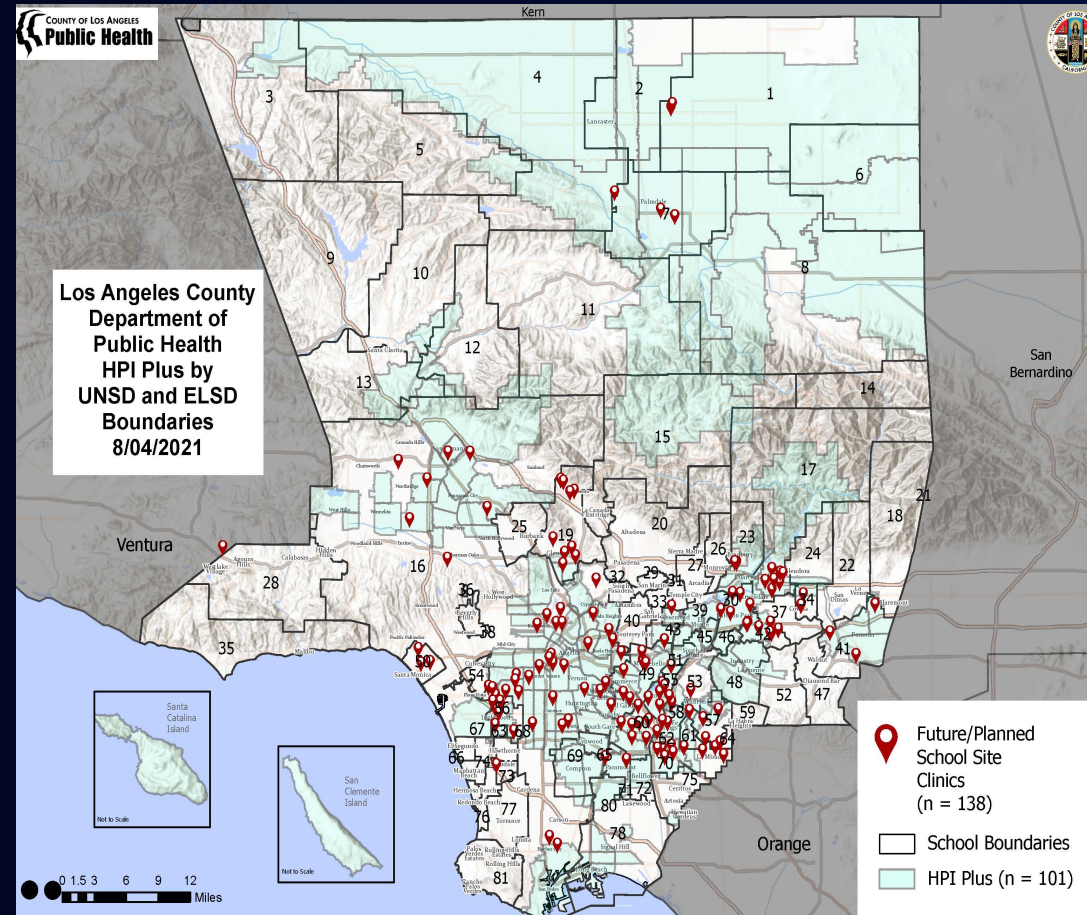
- In Studio City, outreach will include CHW visits to local business and places of worship in 11 high-priority block groups
- In Beverly Hills, outreach will include CHW visits to local businesses in 6 high-priority block groups



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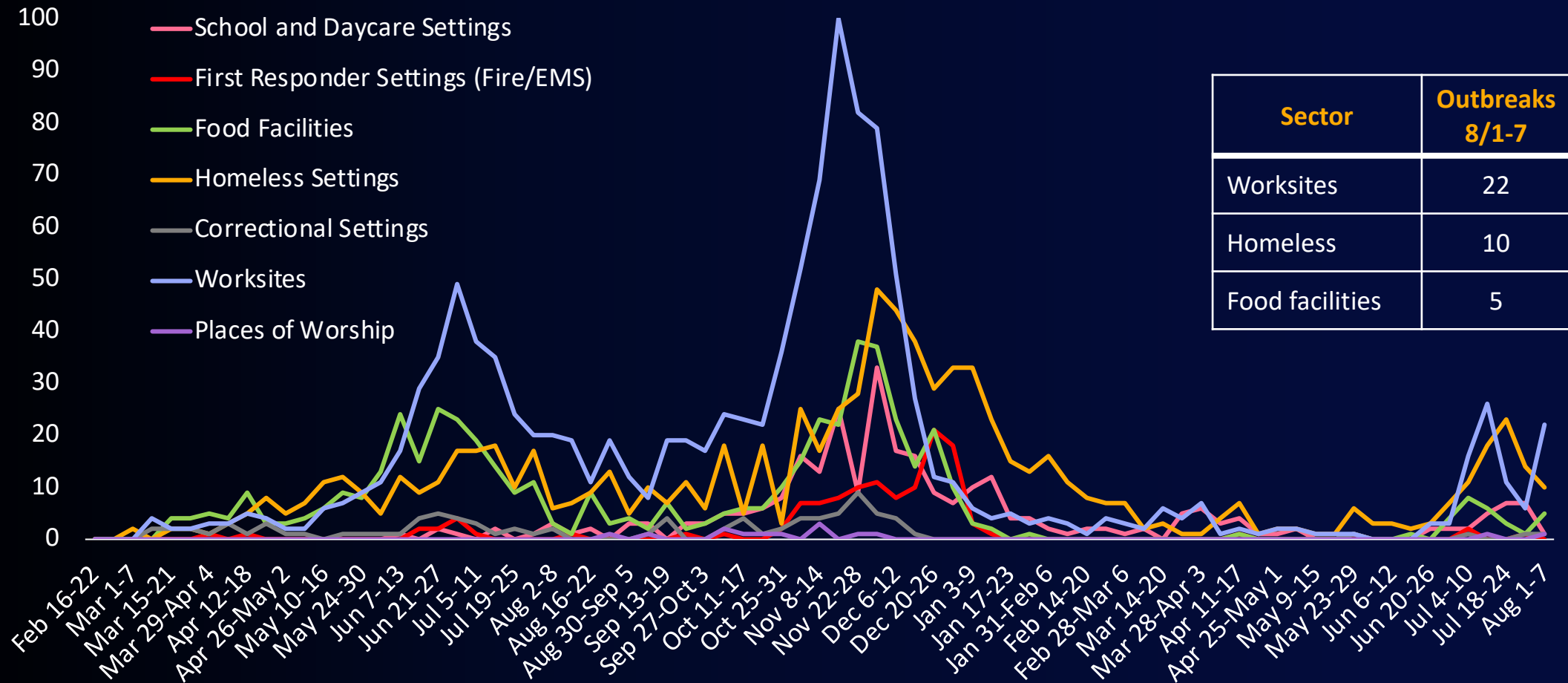
School Vaccination Events



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All Non-Healthcare Outbreaks* by Onset Date or Week Opened and Setting February 16, 2020 – August 7, 2021



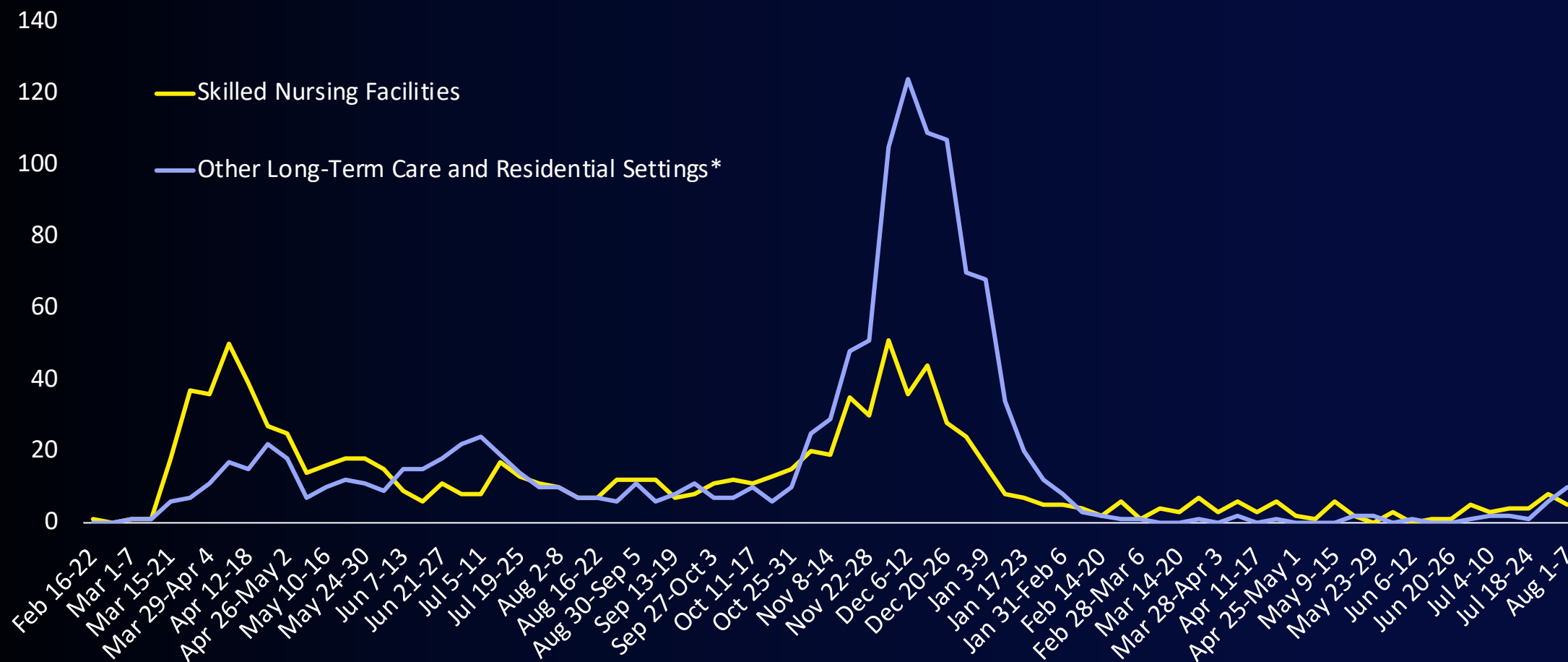
*May not include outbreaks with <10 reported cases in food facilities and worksites between mid-December 2020 and mid-March 2021.



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Skilled Nursing Facility and Long-Term Care Outbreaks* by Onset Date or Week Opened February 16, 2020 – August 7, 2021



*Including memory care units, residential care facilities for the elderly, assisted living facilities, et al.

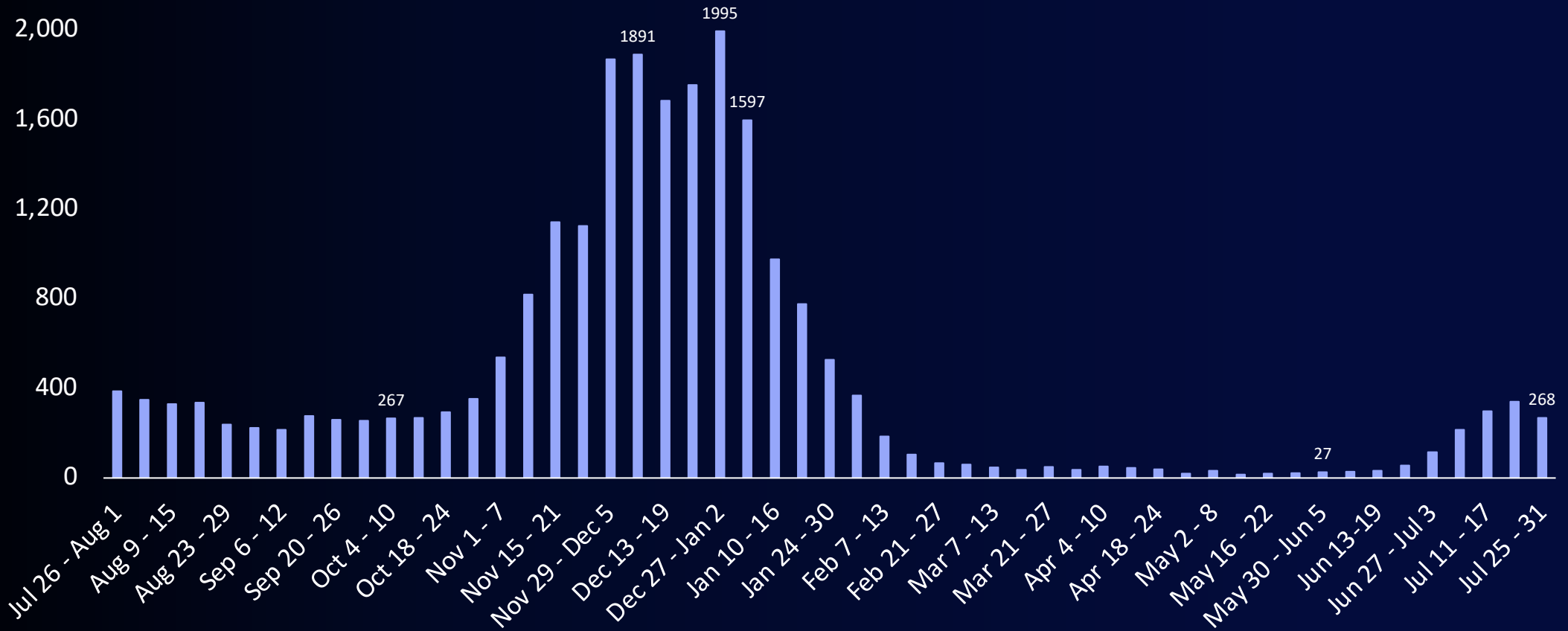


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Cases in Healthcare Workers and First Responders by Week of Symptom Onset

July 26, 2020 – July 31, 2021

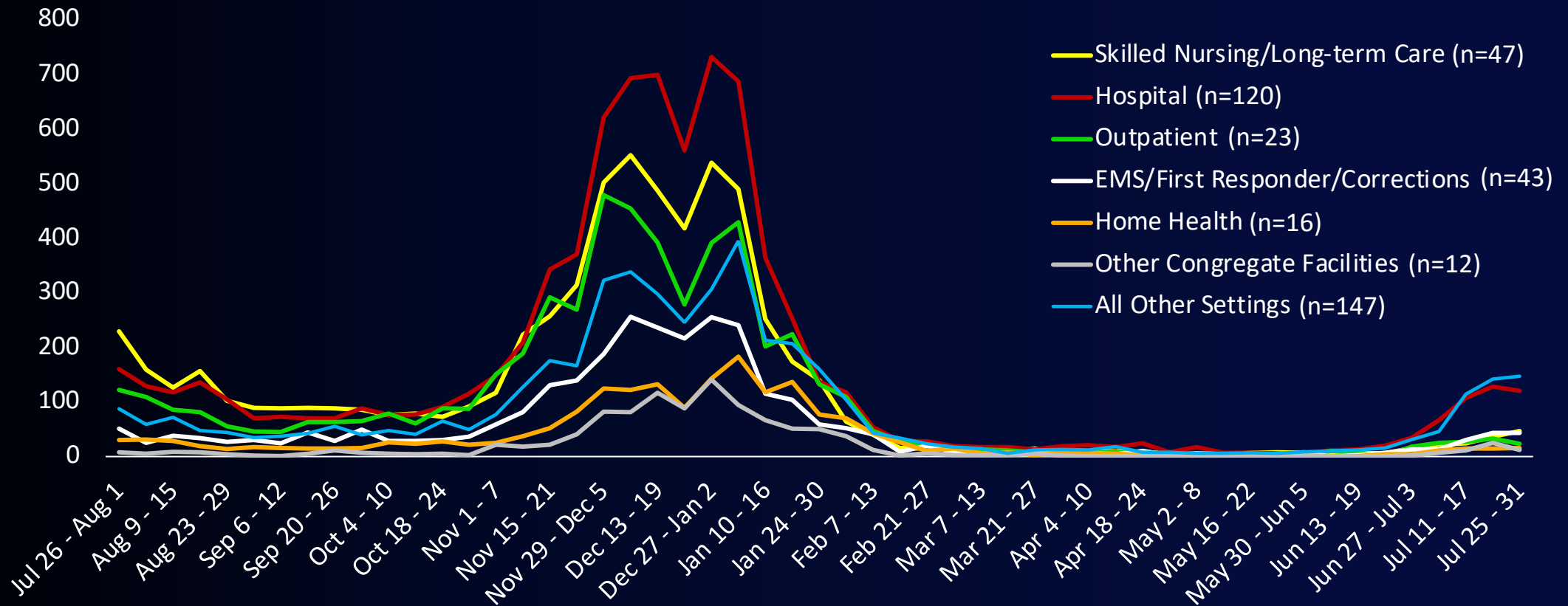


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Healthcare Worker Cases* by Healthcare Site and Test Date**

July 26, 2020 – July 31, 2021



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*Including asymptomatic people

**Report date used if test date unavailable

Mandates for Healthcare Workers

State HOO, July 26, 2021
(takes effect August 9)

HCW **testing** mandate requiring:

- Vaccination status validation by HCF
- For unvaccinated:
 - Respiratory protection (medical-grade masks, respirators strongly encouraged)
 - Testing 1-2x/wk depending on facility type*

State HOO, August 5, 2021

HCW **vaccine** mandate requiring:

- 2 doses by September 30, 2021
- Exclusion only w/qualified medical reason or religious exemption
- For exempt employees:
 - Testing 1-2x/wk depending on facility type *

State HOO, August 5, 2021

Visitor **vaccination** or **testing** mandate requiring:

- Full vaccination or a negative test within 72 prior to a visit
- Masking (medical-grade or double mask recommended) regardless of vaccination status

Other Vaccination Mandates Issued by:

Private employers

- Hospitals
- Companies
 - Tyson foods (120K)
 - Microsoft (100K) + visitors/contractors
 - Disney (salaried employees)

Universities

- Cal State
- UC
- Claremont McKenna
- Pepperdine
- Stanford

Government

- LA County
- Pasadena
- SF
- NYC
- Many countries require vaccine proof to enter



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*2x weekly testing in ACH, SNF, ICF; 1x weekly testing in other sites

Requirements for LAC Healthcare Workers

New LAC HOO (8/12) will align with the state and include additional groups of health care workers:

- EMTs and paramedics
- Home health care workers
- Dental practice employees



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**2x weekly testing in ACH, SNF, ICF; 1x weekly testing in other sites*

Vaccine Efficacy and Safety

Covid vaccines are **effective protection from severe Covid illness**

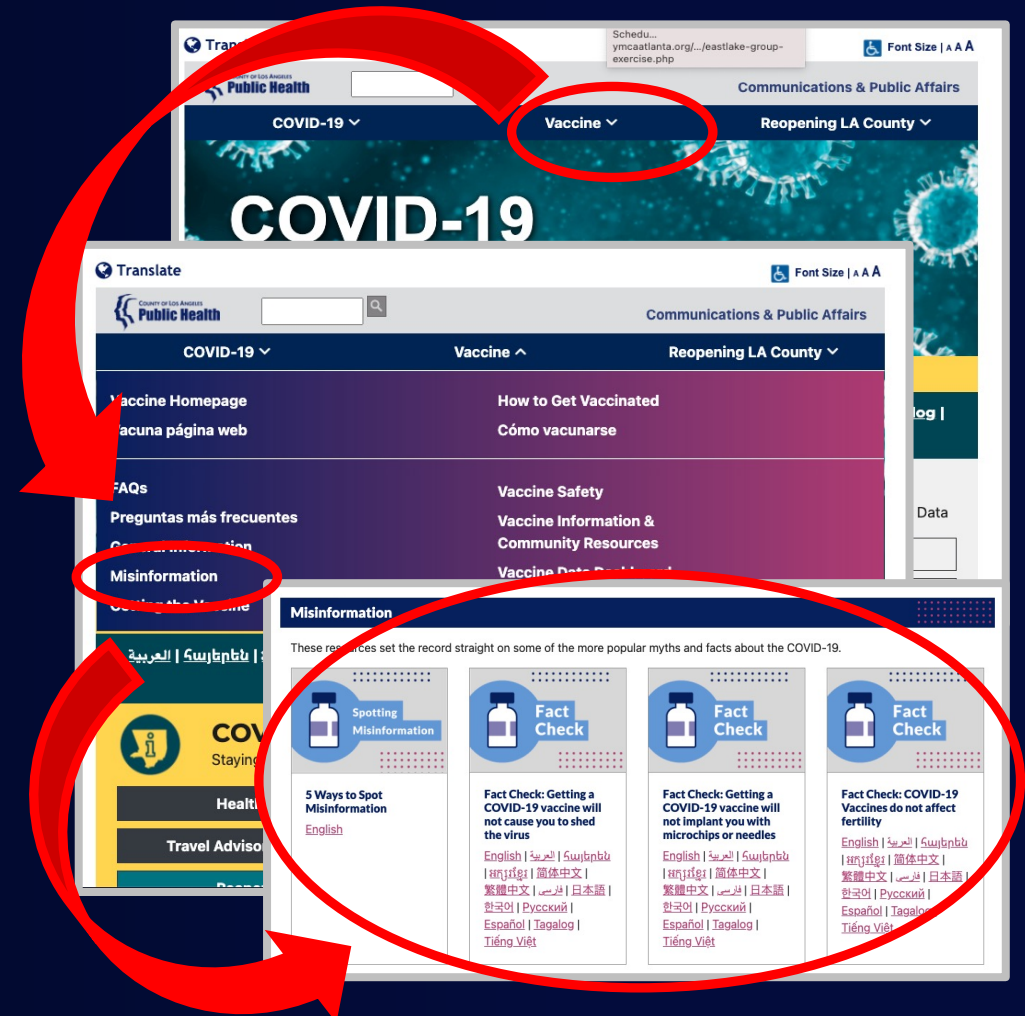
- UK study*: Pfizer reduced symptomatic delta disease by **88%**
- Israel data: Pfizer reduced delta hospitalizations/severe illness by **93%**
- Colorado** study: Vax reduced symptomatic delta disease by **89%**

Covid vaccines are **more effective protection than Covid infection**

- Kentucky study: unvaccinated people had **2.3x** odds of repeat Covid infection compared with vaccinated people

Covid vaccines are **safe**

- 346 million doses given
- CDC and FDA have identified few health effects of vaccine:
 - Anaphylaxis (severe allergy): within 30 minutes; **rare, treatable**
 - Blood clots with low platelets: within 2 weeks; **rare** (7 in 1 million women 18-49), **treatable**
 - Cardiac inflammation: within days of 2nd dose; **rare, treatable**
- Some side effects (1-2 days flu-like illness) are common but go away without treatment
- **Misinformation about vaccines is EVERYWHERE**



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*Bernal et al. NEJM, 7/21/21

**Herlihy et al. MMWR, 8/6/21



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Strategies for Managing Continued High Transmission

Primary Prevention

- **Vaccinations**
 - Barrier-free access
 - Mandates to protect workers, patients, consumers
- **Masking, distancing and infection control**
 - Universal indoor masking provides additional level of protection to both unvaccinated and vaccinated individuals
 - Distancing avoids the crowding that facilitates transmission
 - Infection control reduces contact spread

Mitigation (Secondary Prevention)

- **Testing**
 - Identifies potential spreaders early and provides opportunities for education
- **Isolation and Quarantine**
 - Source control

